

883933.0023 (UCON-122)

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Irving Goldschneider )  
Laijun Lai )  
Serial No.: (Unassigned) )  
Filed: March 30, 2001 )  
For: **HYBRID CYTOKINE OF IL-7** )  
**AND  $\beta$ -CHAIN OF HEPATOCYTE** )  
**GROWTH FACTOR** )

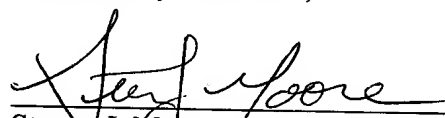
BOX SEQUENCE  
Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF SEQUENCE LISTING**

Dear Sir:

Transmitted herewith is a copy of the "Sequence Listing" in paper form for the above-identified patent application as required by 37 C.F.R. § 1.821(c) and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. § 1.821(e). As required by 37 C.F.R. § 1.821(f), Applicants' Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same.

Respectfully submitted,



Steven J. Moore, Reg. No. 35,959  
CUMMINGS & LOCKWOOD  
Granite Square  
700 State Street, P.O. Box 1960  
New Haven, CT 06509-1960  
United States of America  
Tel.: (203) 351-4333

3/30/01

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**CRF Problem Report**

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/823,933

Filing Date: 3-30-01

Date Processed by STIC: 4-17-01

STIC Contact: Mark Spencer, 703-308-4212

**Nature of Problem:**

The CRF (was)

☐ (circle one) Damaged or Unreadable (for Unreadable, see attached)

☐ Blank (no files on CRF) (see attached)

☐ Empty file (filename present, but no bytes in file) (see attached)

☐ Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF

☐ Not saved in ASCII text

☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing

☐ Did not contain a Sequence Listing. (see attached sample)

☒ Other: Non-valid sequence listing format

**PLEASE USE THE CHECKER VERSION 3.0 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR DETAILS:**

**Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:  
<http://www.uspto.gov/web/offices/pac/checker>